

# Shealtiel Mulder

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## EDUCATION

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**University of California Santa Cruz**  
*Bachelor of Arts in Computer Science, with Honors*

Santa Cruz, CA  
*Aug. 2018 – Jun 2020*

**De Anza College**  
*Associate Degree for Transfer*

Cupertino, CA  
*Aug. 2015 – Jun 2018*

## EXPERIENCE

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**Software Engineer**  
*University of California Santa Cruz*

April 2020 – June 2020  
*Santa Cruz, CA*

- Experimented with a fusion of automotive lidar, radar, and camera data to evaluate their use on an indoor robot.
- Explored ways to integrate an image processing pipeline to the robot's camera.

## PROJECTS

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**Easy Notes App** | *Python, Py4web, Vue.js, AXIOS, Bulma*

July 2020 – September 2020

- Developed a full-stack web application using with Py4web with Vue.js as the frontend
- Implemented the ability to do form edits in place with Vue.js
- Used AXIOS to send multi-part form data in order to upload images.

**LiveColor** | *Android Studio, Java, GitHub Pages, HTML, CSS*

June 2020 – October 2020

- Developed a static GitHub pages site as a landing page for an Android application.
- Managed the display of relevant links on the landing page to direct appropriate traffic.
- Designed some credits features and associated UI for the Android app itself.

**Fitlog** | *Django, Vue.js, AXIOS, Bulma, venv*

November 2020 – Present

- Developing a dynamic website to track and log fitness progress.
- Integrating wger tracking system into the core service.

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, Java,, HTML/CSS

**Frameworks:** Django, Py4web, Flask, Vue.js

**Developer Tools:** Git, GitHub, Andriod Studio, Visual Studio, Eclipse, GitHub Pages

## RELEVANT COURSEWORK

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Software Design I,II,III

Web Applications

Computer Networks

Data Structures

Analysis of Algorithms

Comparative Programming Languages